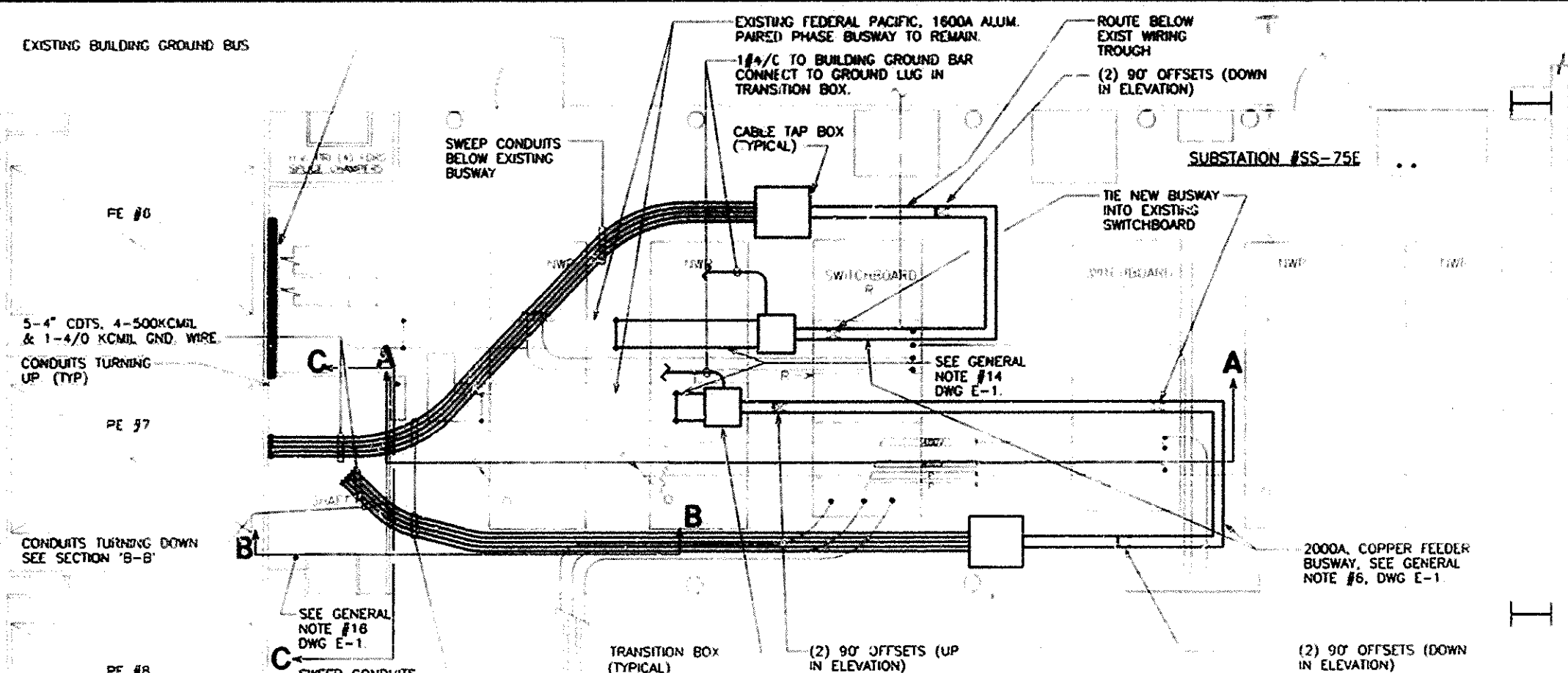


PA-S41 REV 4

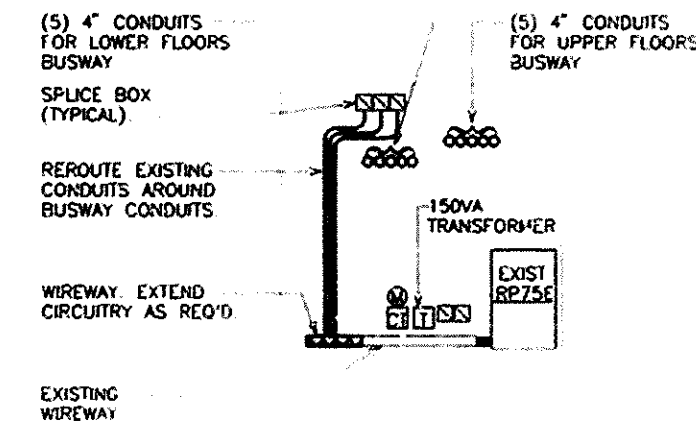
EXISTING BUILDING GROUND BUS



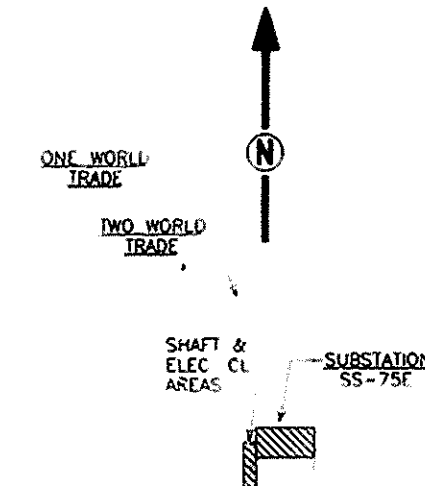
PARTIAL PLAN 75th. FLOOR EAST

NOTES:

1. SEE DRAWING E-1 FOR BUSWAY SCHEDULE & GENERAL NOTES
2. TRANSFORMERS & SWITCHBOARDS WILL BE LIVE DURING INSTALLATION



SECTION C-C

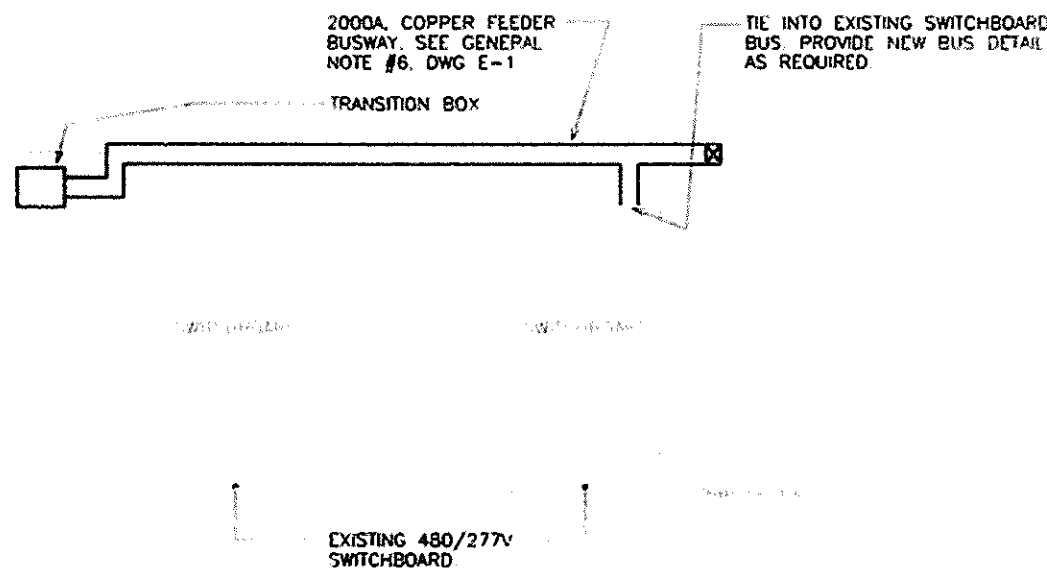


WORK AREA KEY PLAN

EXISTING HIGH VOLTAGE FEEDER

EXISTING TRANSFORMER
1500KVA, 13.8KV-
480/277V

SECTION A-A



SECURE TO BUILDING STRUCTURAL BEAMS, SEE DETAIL DWG #E-24 & ARCH DWGS

SEE ARCH DWG'S FOR ACCESS PANEL DETAIL

SEE RISER DRAWING E-22 & DWG E-23 FOR CONTINUATION

UP TO CABLE SUPPORT BOX ON 79TH FLOOR

5-4" CONDUITS, 4#500KCMIL & 1#4/0 GND WIRE

TO RESPECTIVE CABLE TOP BOX

CABLE SUPPORT BOX, NEMA TYPE 4, 36"X36"X16" D WITH COVERS ON FRONT AND BACK

5-4" CONDUITS, 4#500KCMIL & 1#4/0 GND WIRE

SECTION B-B

SEE RISER DWG E-22 & DWG E-23 FOR CONTINUATION

Sheet 38 of 41

TRANSPORT AUTHORITY
OF NY & NJ

James J. Zuck
Engineering Program Manager

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1/15/01 Drawings of Record
No Date Revision Approved

Engineering Department
Design Divisions

The World Trade
Center
Electrical/HVAC
Upgrade Program

Title
LOW VOLTAGE DISTRIBUTION

**TWO WTC
ELECTRICAL**

**75TH FLOOR
EAST SIDE**

**BUS & RISER CABLE LAYOUT
(SUBSTATION SS-75E)**

This drawing subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

CU/CADD MW/CADD FJL
Prepared by Drawn by Checked by

Date: 10/24/93 Scale: 1/4" = 1'-0"

Contract Number Drawing Number

CW2-804041 E-21